

Atomic Number

- _____ across a period
- _____ down a family

Atomic Mass

- _____ across a period
- _____ down a family

Atomic Radius

_____ the distance between _____ of two like _____.

- _____ across a period (due to increased attraction of more positive nuclei to electron clouds)
- _____ down a family (due to addition of an energy level)

Electron Affinity

amount of _____ when an _____ gains an

- _____ across a period
- _____ down a family

Ionization Energy

amount of _____ required to _____ an _____ from a neutral _____

- _____ across a period
- _____ down a family

Electron Distribution - Forming Ions

- Atoms become ions by _____ or _____ electrons to become _____.
- An atom is stable when it has a _____ outer energy level (____ valence electrons).
- Atoms that lose (give away) electrons become _____ charged ions. Atoms that gain (steal) electrons become _____ charged ions.

The Chemistry Quiz

CR1. CR2. 1. 2. 3. 4. 5.